VMWare Challenge UR Propel

🕐 54m : 42s
to test end

☆ **Merge Strings**

Complete the *mergeStrings* function in your editor. It has *2* parameters:
1. A string, *a*.
2. A string, *b*.

Your function must merge strings *a* and *b*, and then return a single merged string. A *merge* operation on two strings is described as follows:
- Append alternating characters from *a* and *b*, respectively, to some new string, *mergedString*.
- Once all of the characters in one of the strings have been merged, append the remaining characters in the other string to *mergedString*.

Input Format

The locked stub code in your editor reads two strings, *a* and *b*, from stdin and passes them to your function.

Constraints
- $1 \le |a|, |b| \le 25000$

Output Format

Your function must return the merged string. This will be printed to stdout by the locked stub code in your editor.

Sample Input 0

```
abc
def
```

Sample Output 0

```
adbecf
```

Sample Input 1

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Sample Output 1

```
azbsd
```

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed. The timer will pause up to 90 seconds for the tour.

Start tour ✖

| Original code | Java 7 | ⌄ | ⚙ |

```
1 ▶ import ↔;
6
7   public class Solution {
8
```

```java
 9 ▾ /*
10    * Complete the function below.
11    */
12
13 ▾     static String mergeStrings(String a, String b) {
14            StringBuilder res = new StringBuilder();
15
16 ▾         for (int i = 0; i < Math.min(a.length(), b.length());
      i++) {
17                res.append(a.charAt(i));
18                res.append(b.charAt(i));
19            }
20
21 ▾         if (a.length() > b.length()) {
22                res.append(a.substring(b.length(), a.length()));
23 ▾         } else if (a.length() < b.length()) {
24                res.append(b.substring(a.length(), b.length()));
25            }
26
27            return res.toString();
28
29        }
30
31
32 ▸     public static void main(String[] args) throws IOException{
      ↔}
57 }
```

Line: 9 Col: 1

☐ **Test against custom input**   [Run Code]   [Submit code & Continue]

(You can submit any number of times)

⬇ Download sample test cases   *The input/output files have Unix line endings. Do not use Notepad to edit them on windows.*

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